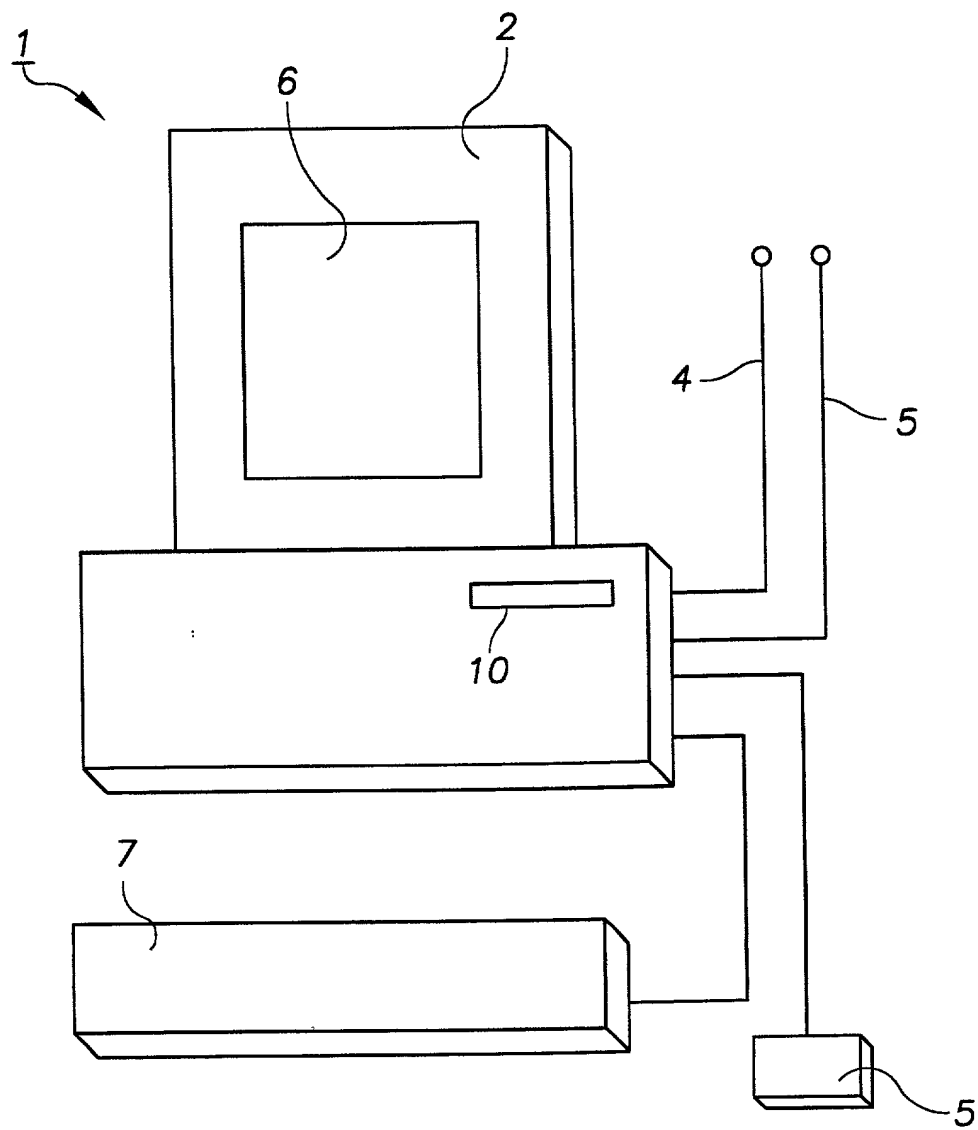
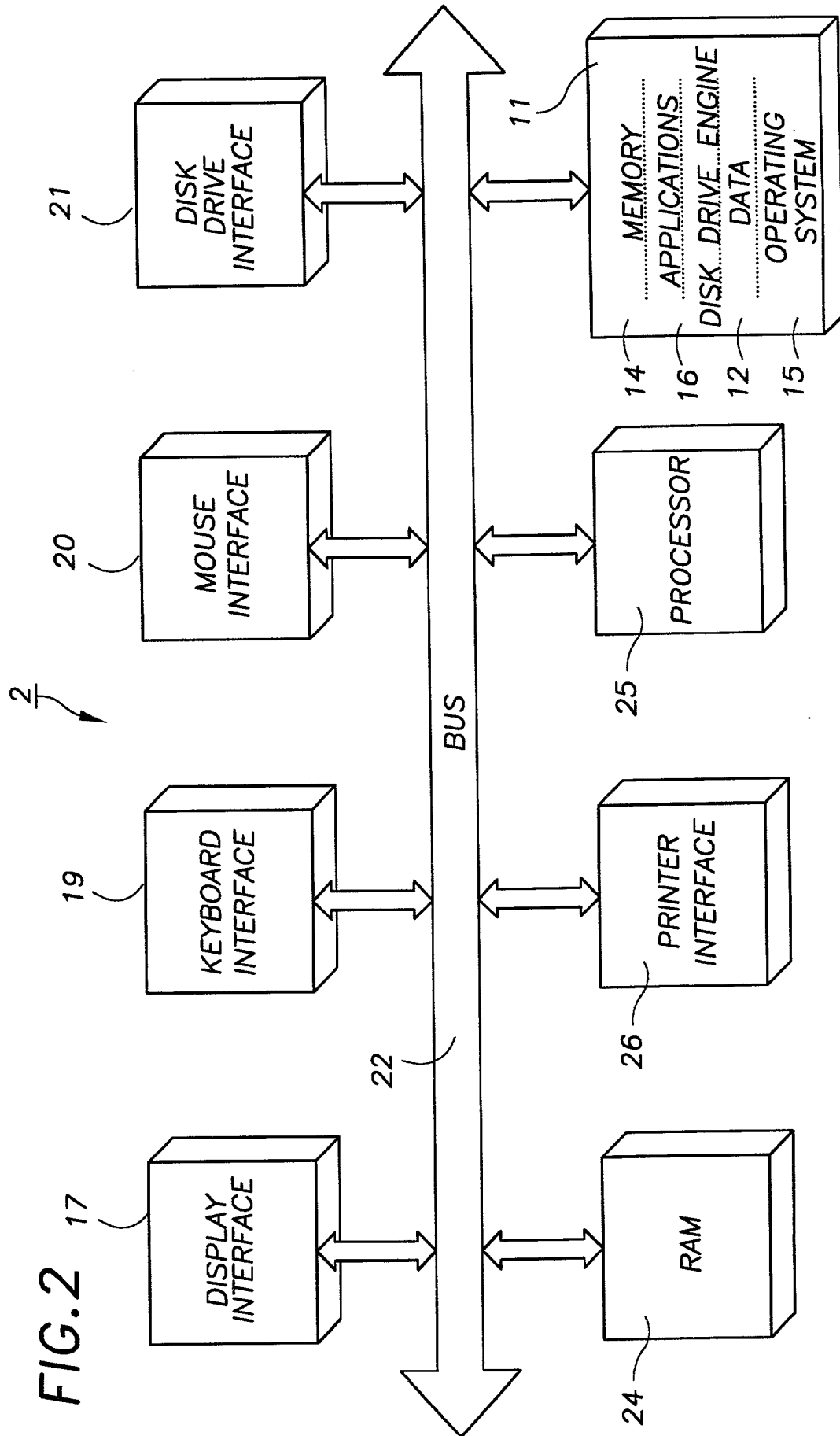


FIG. 1





03/28

FIG.3

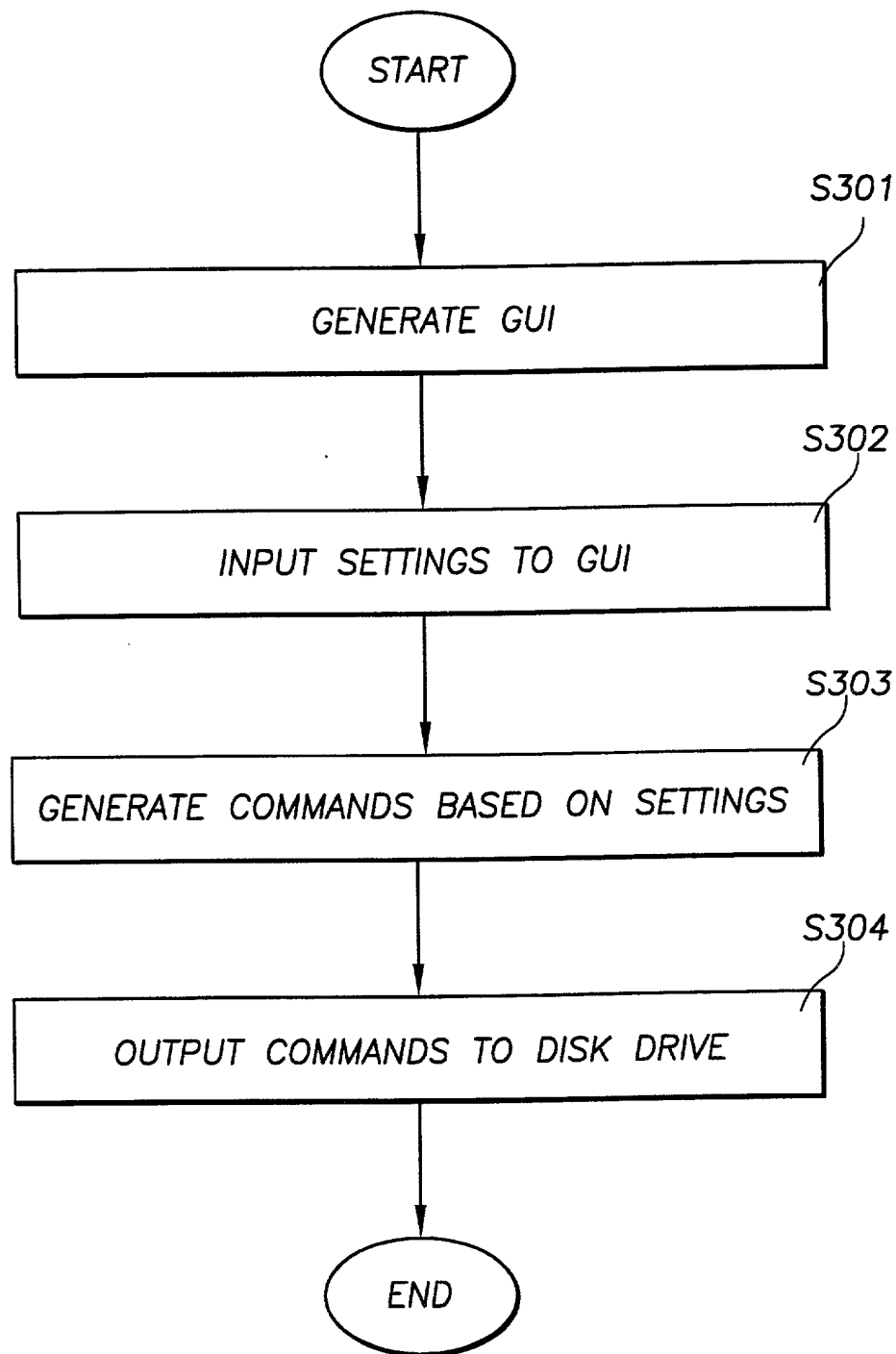


FIG. 4

27

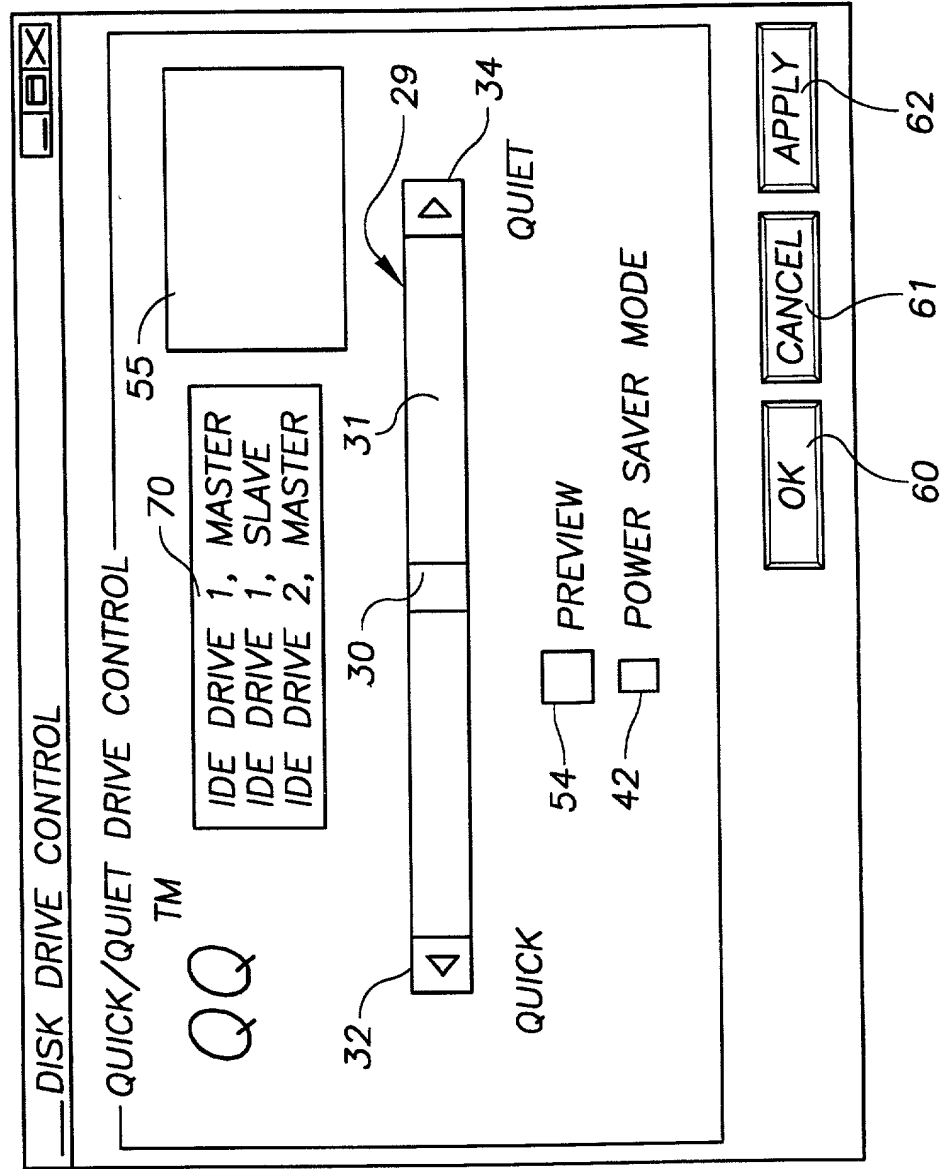


FIG. 5

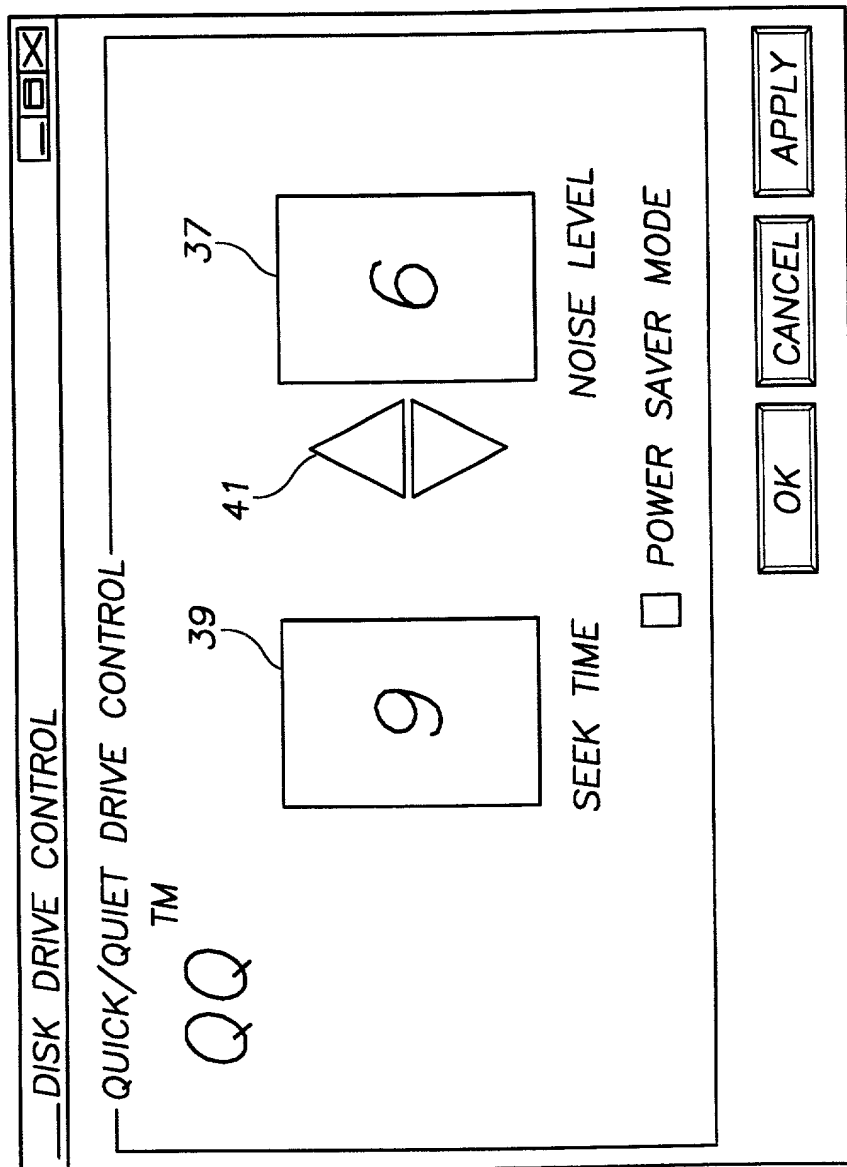


FIG. 6

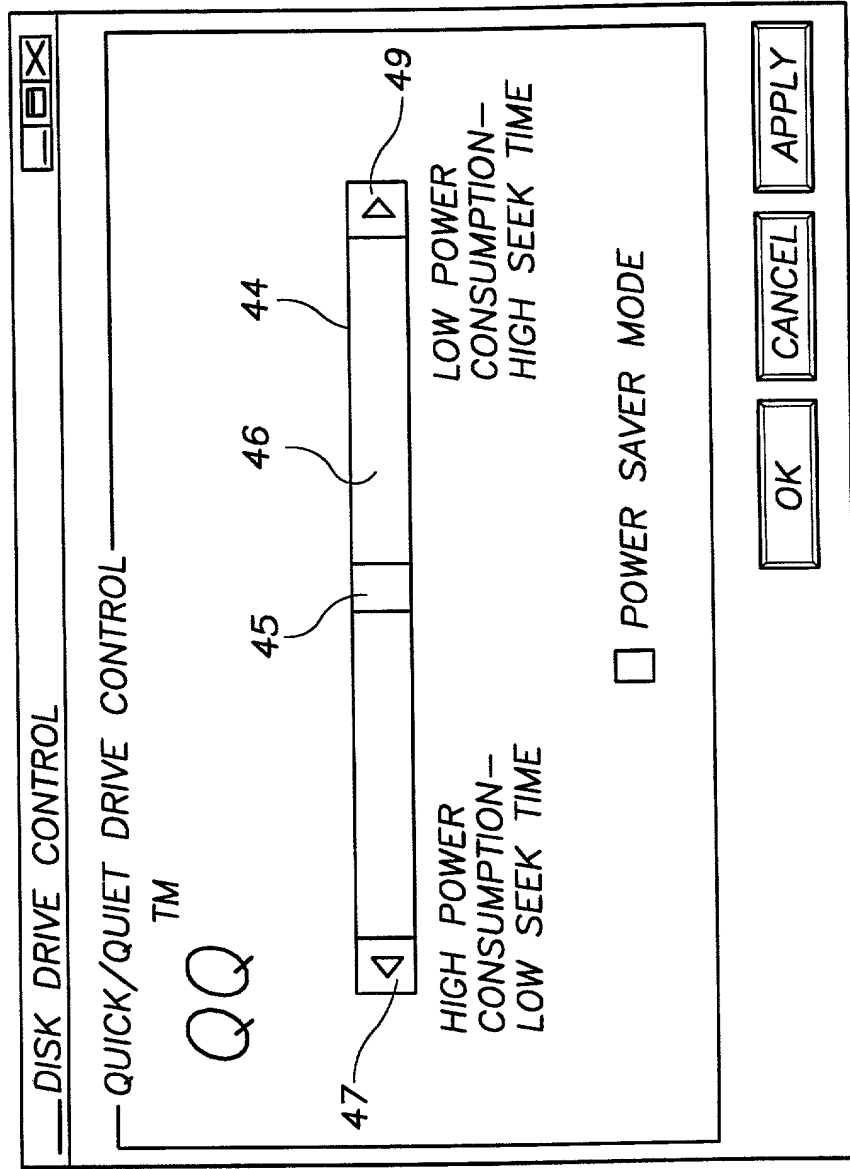


FIG. 7

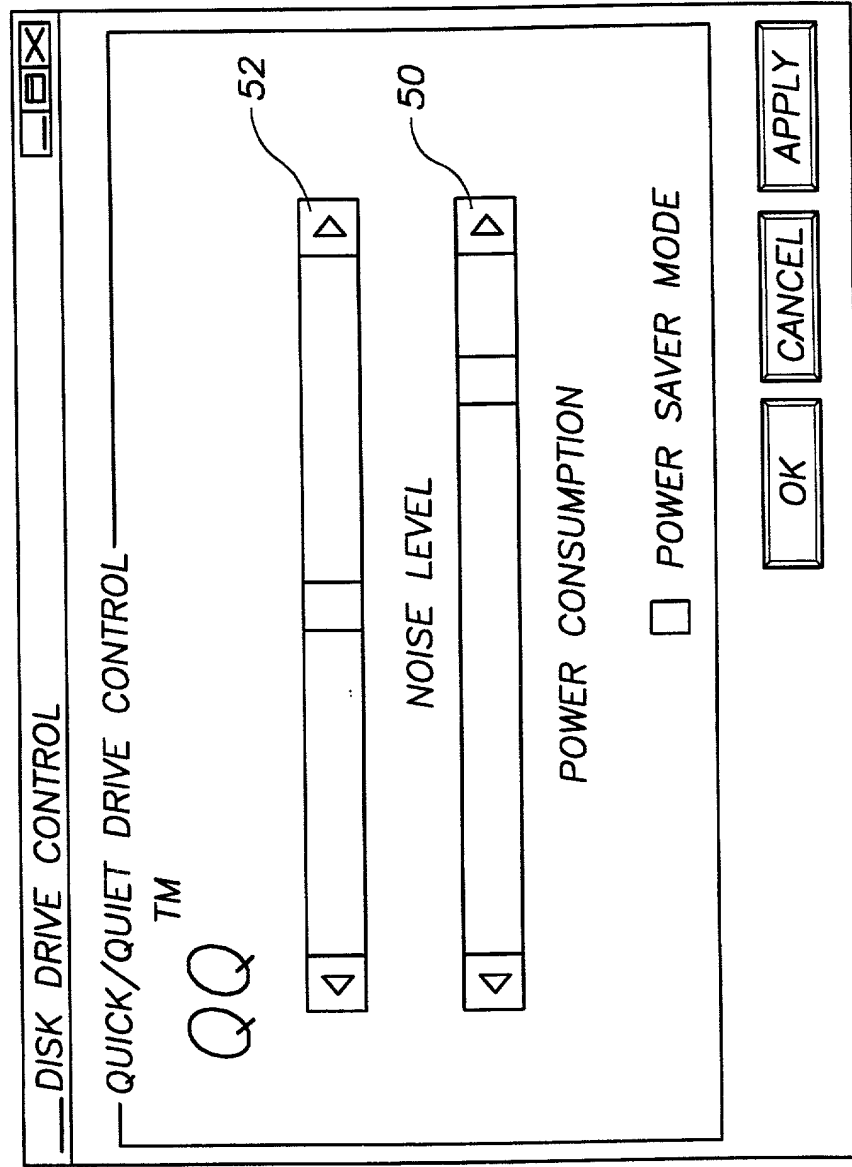


FIG. 8

DISK DRIVE CONTROL

— QUICK/QUIET DRIVE CONTROL —

QQTM

9

6

2

SEEK TIME

NOISE LEVEL

POWER CONSUMPTION

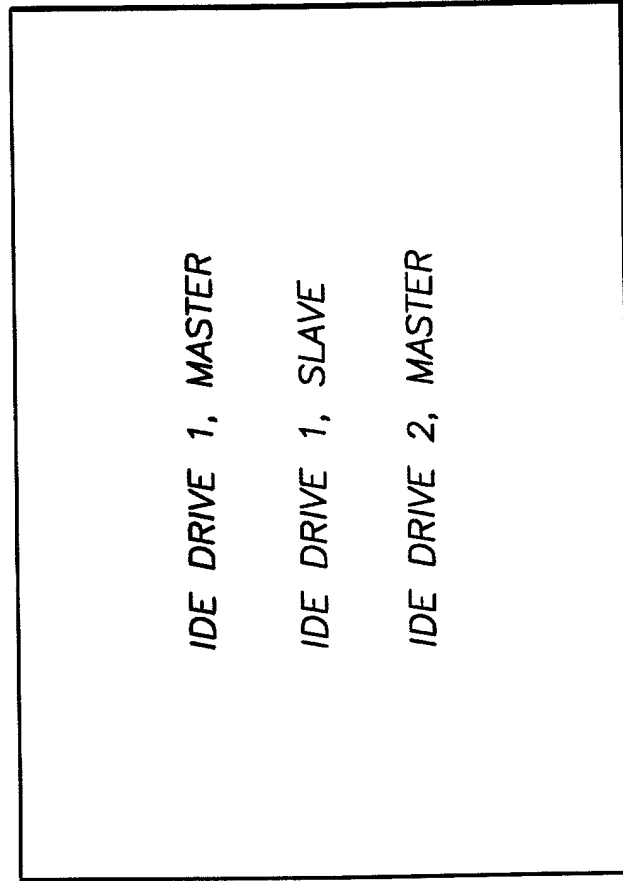
☐ POWER SAVER MODE

OK

CANCEL

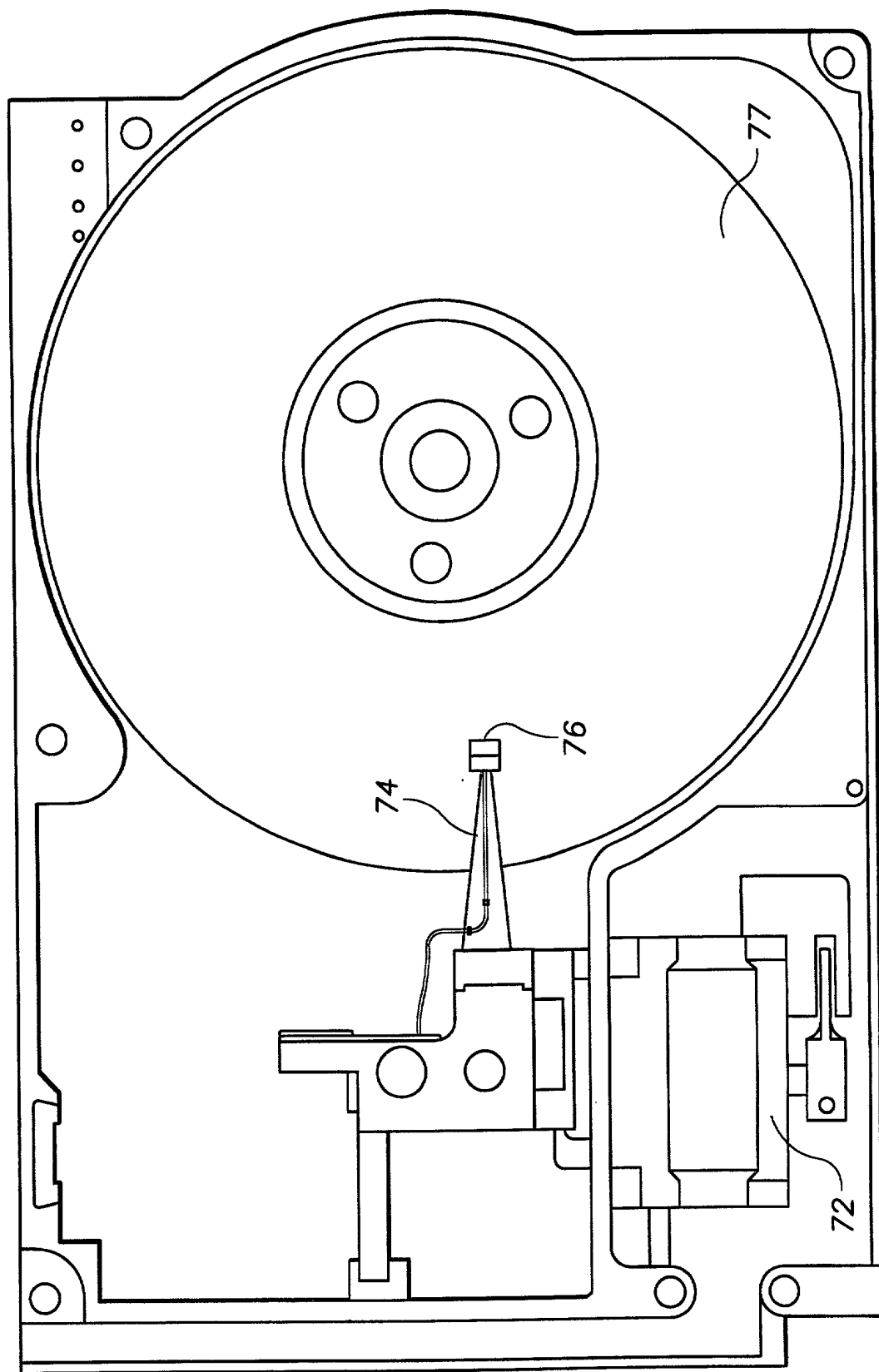
APPLY

FIG. 9



10/28

FIG. 10A



10

FIG. 10B

11/28

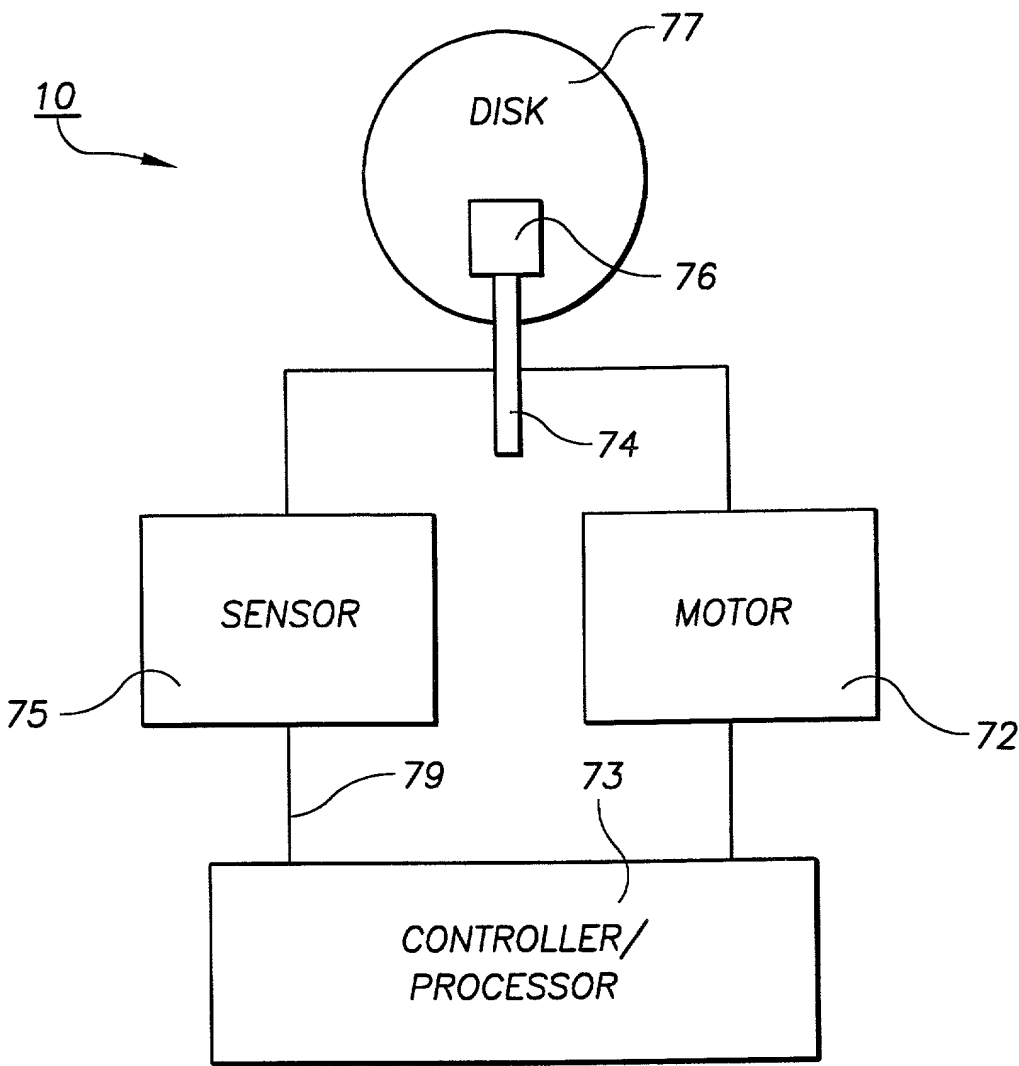
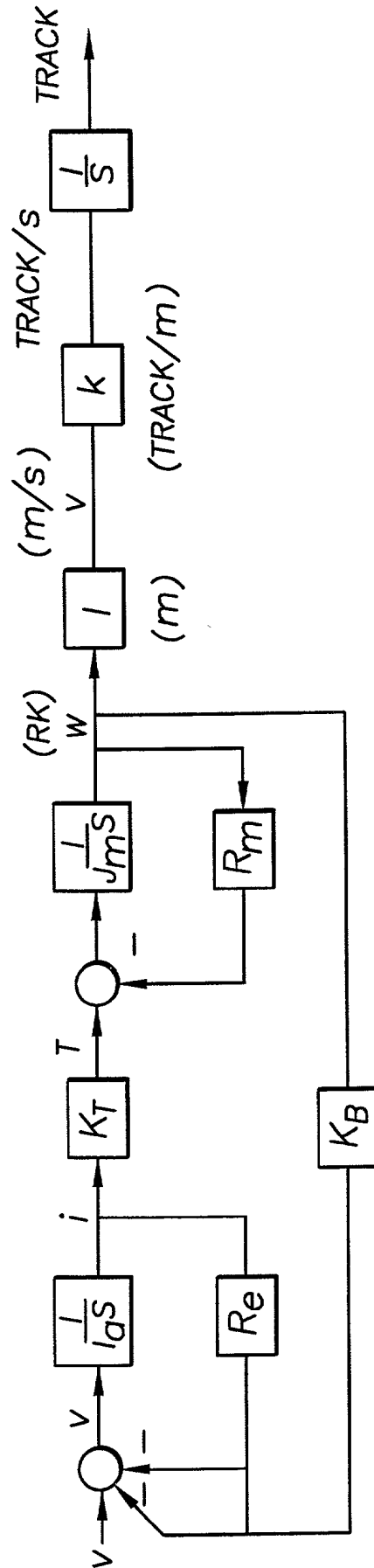


FIG. 11



TOP SECRET

FIG. 12

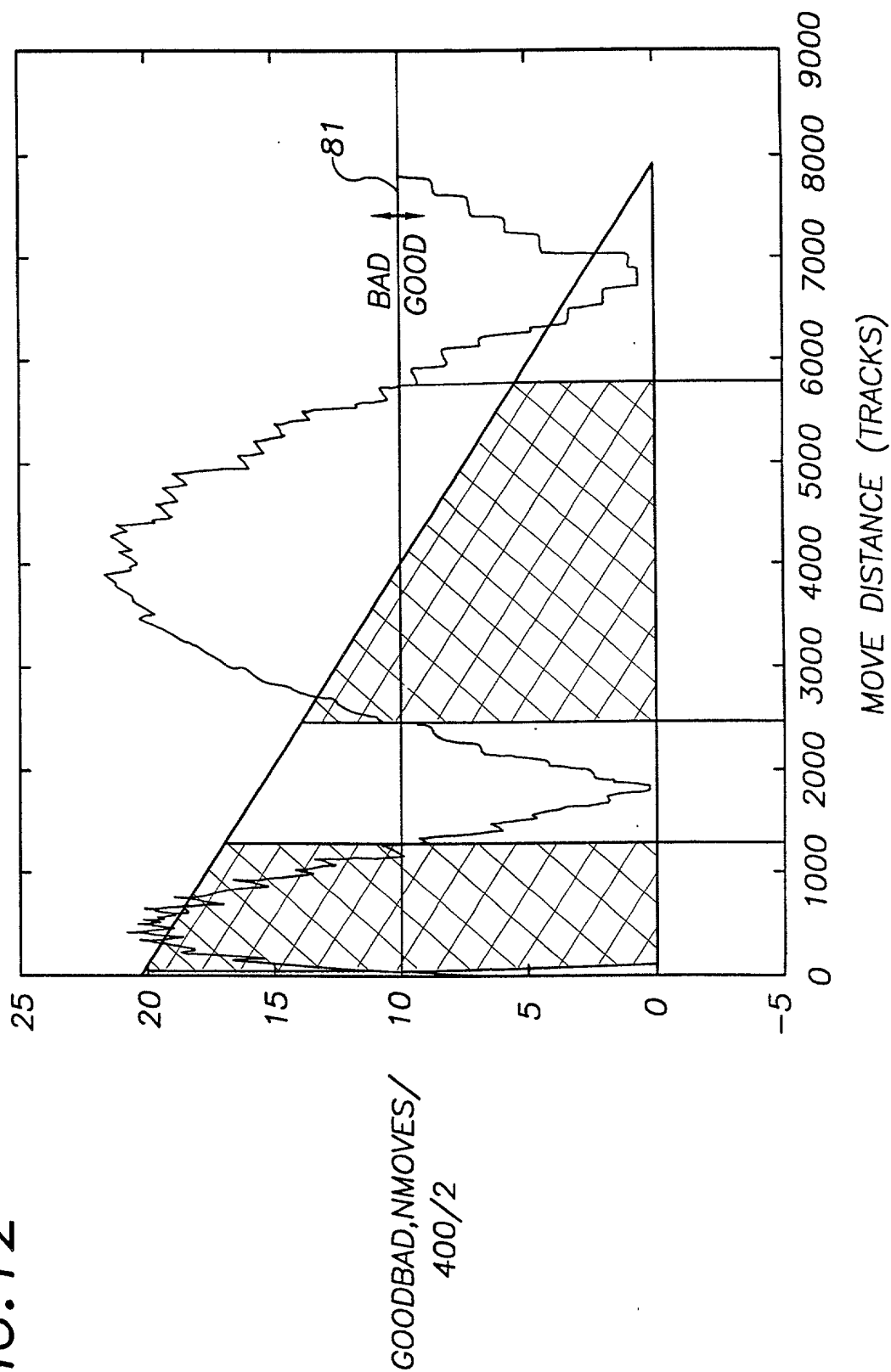


FIG. 13

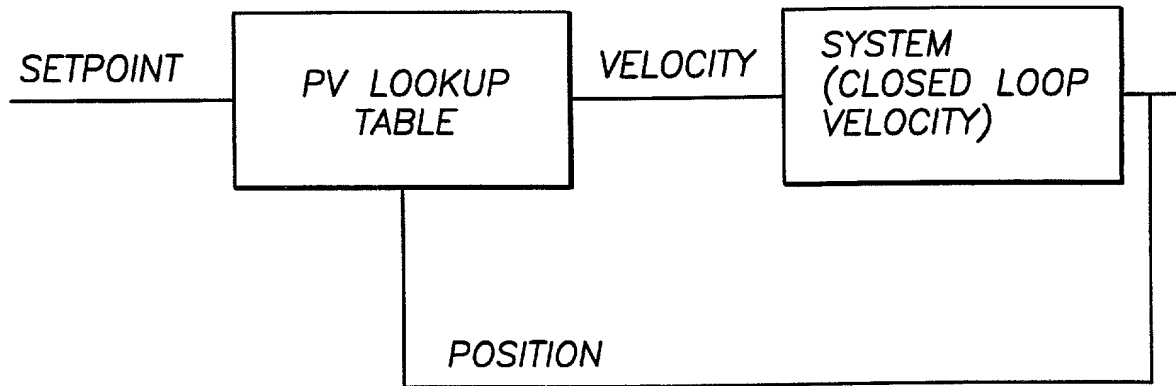
PRIOR ART

FIG. 14

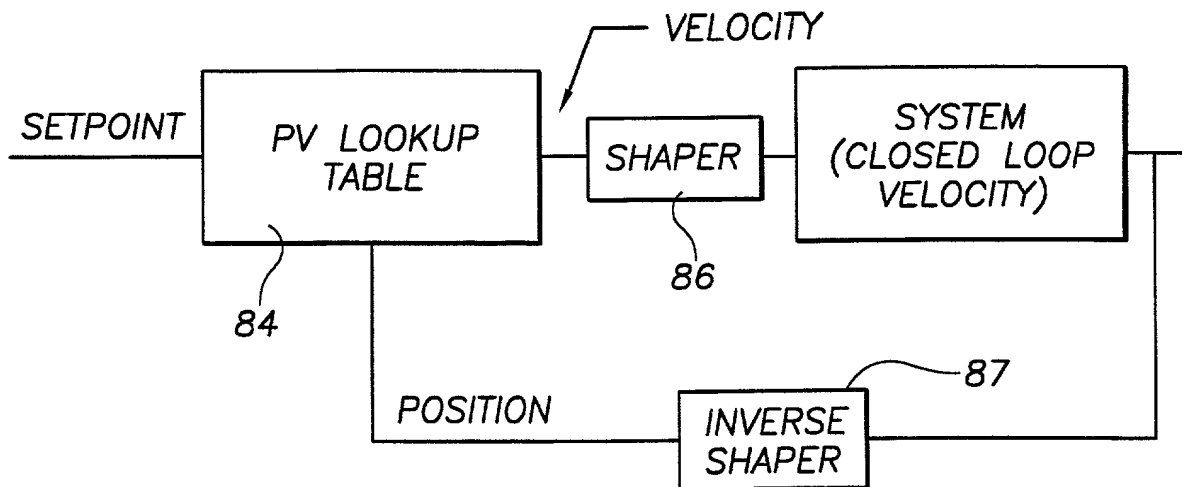


FIG. 15

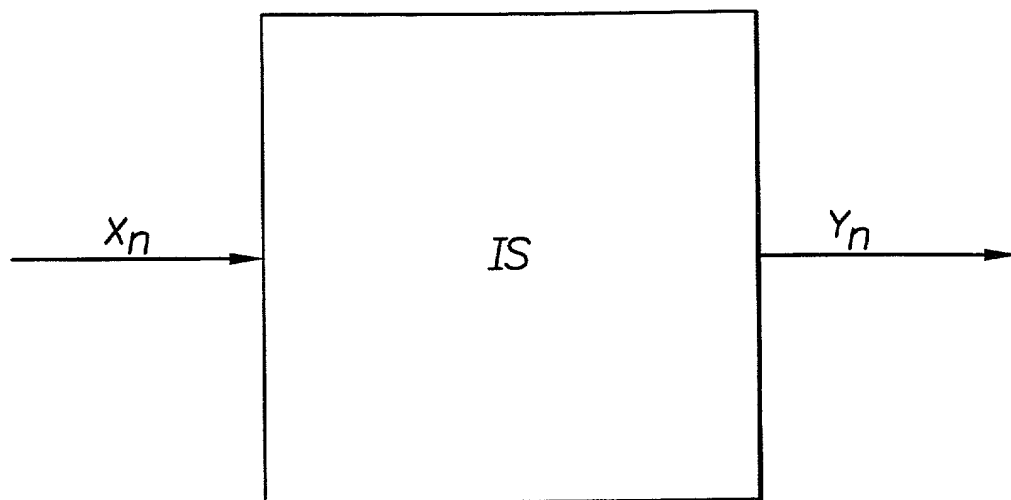


FIG. 16

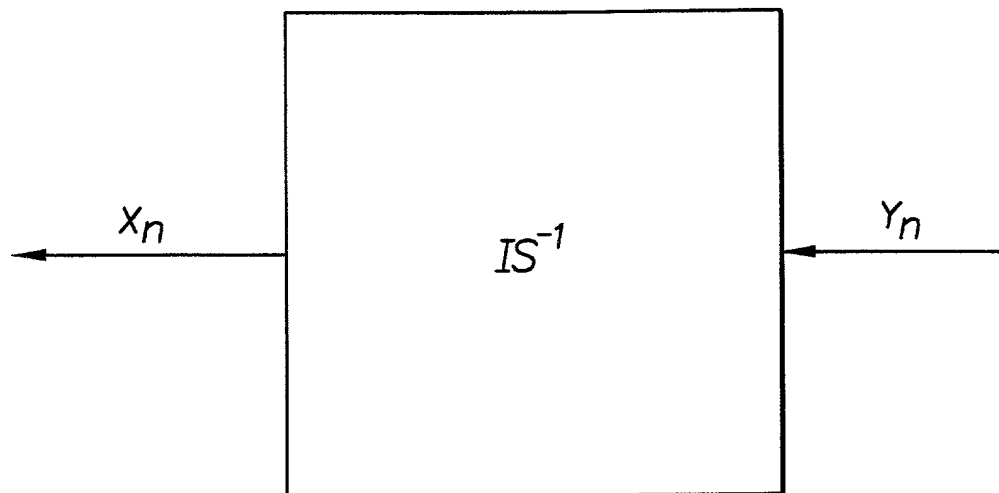


FIG.17

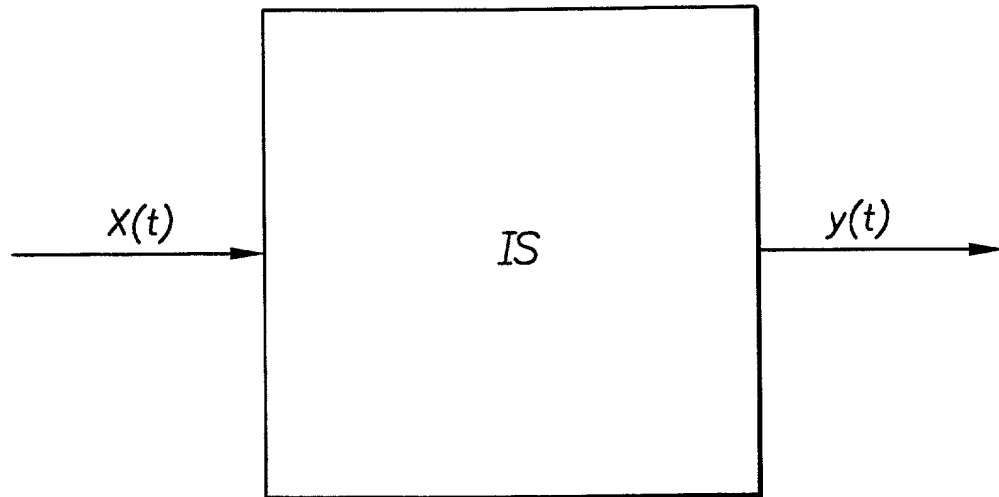


FIG18

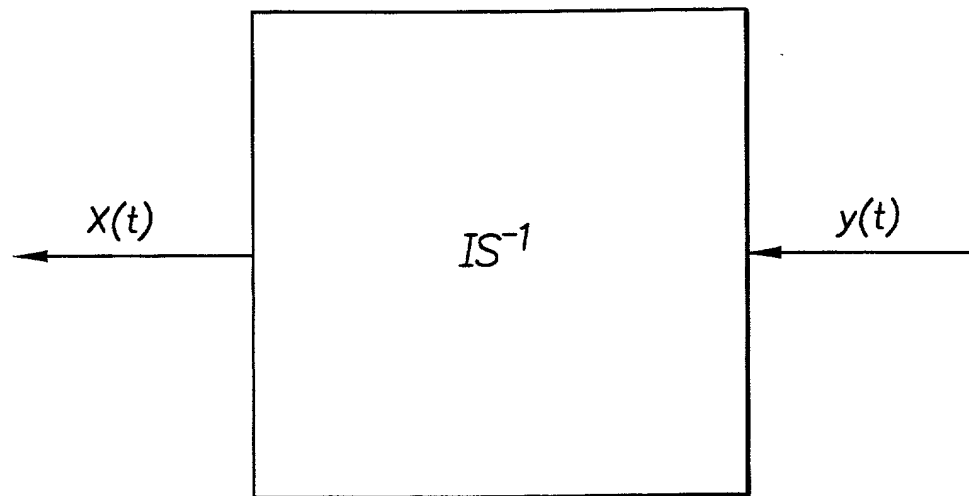


FIG. 19

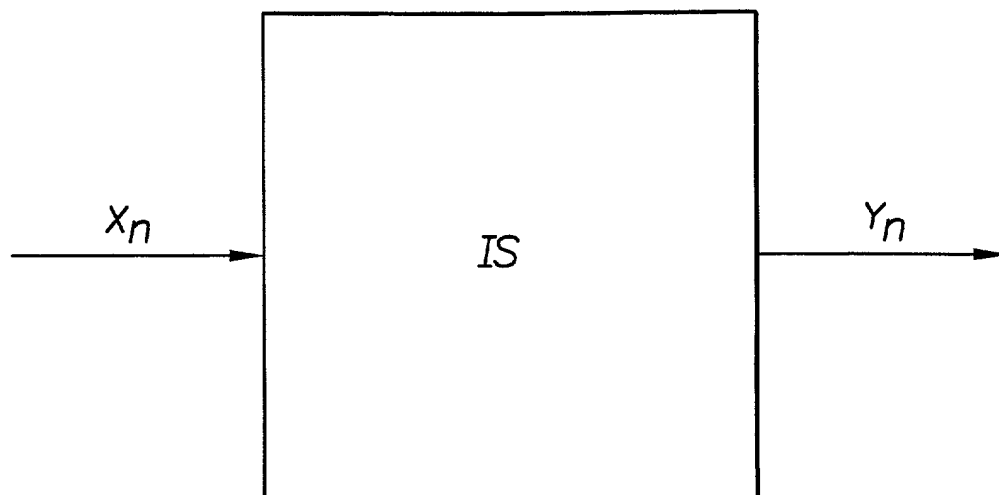
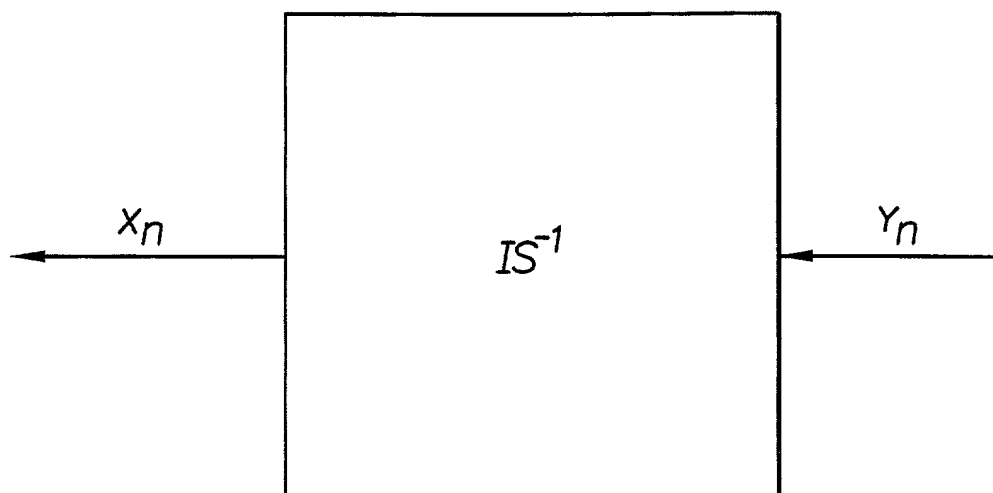
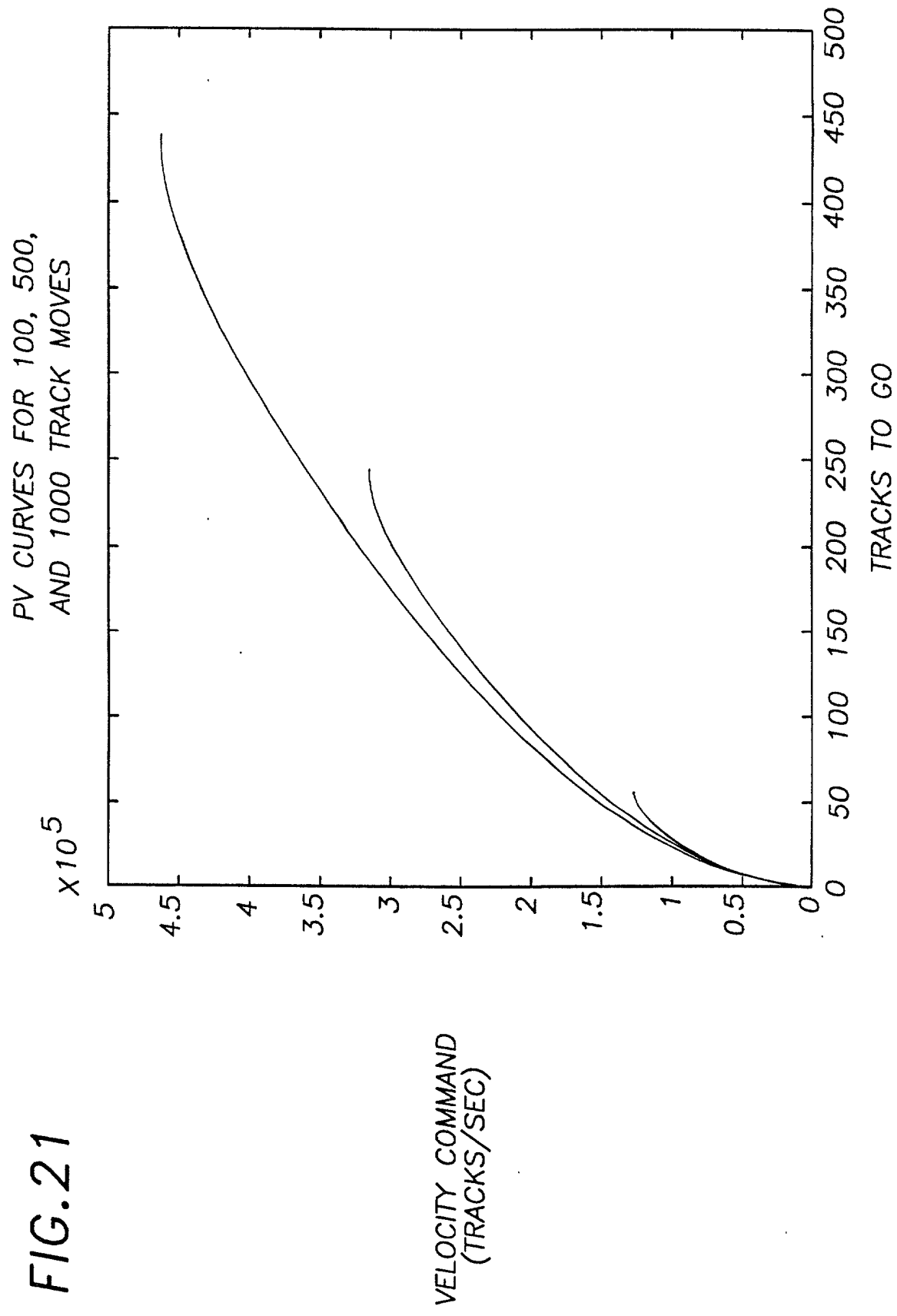


FIG. 20





1000 TRACK MOVES

FIG. 22

NORMALIZED PV CURVES FOR 100,
500, 1000, 3000 TRACK MOVES

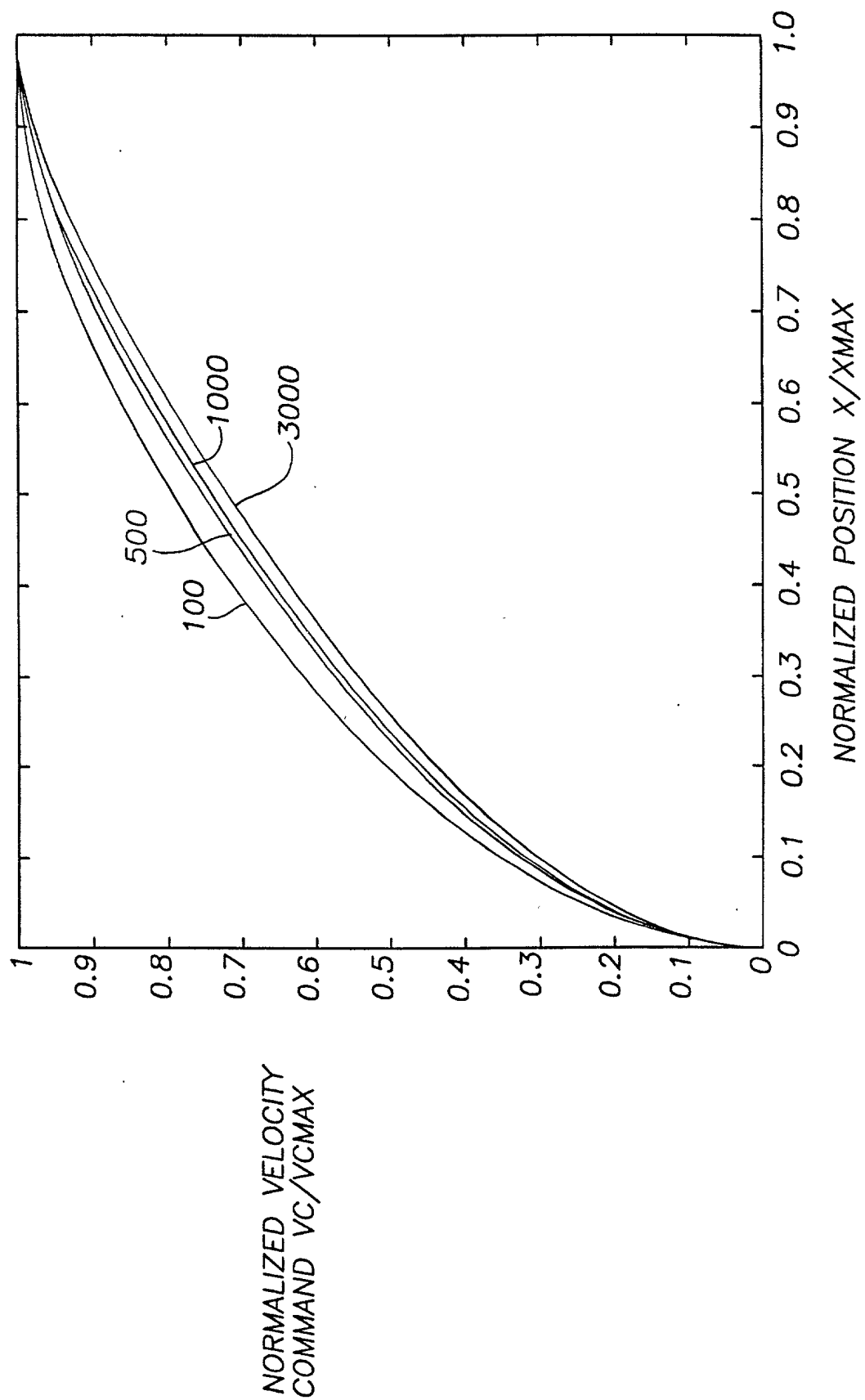


FIG. 23A

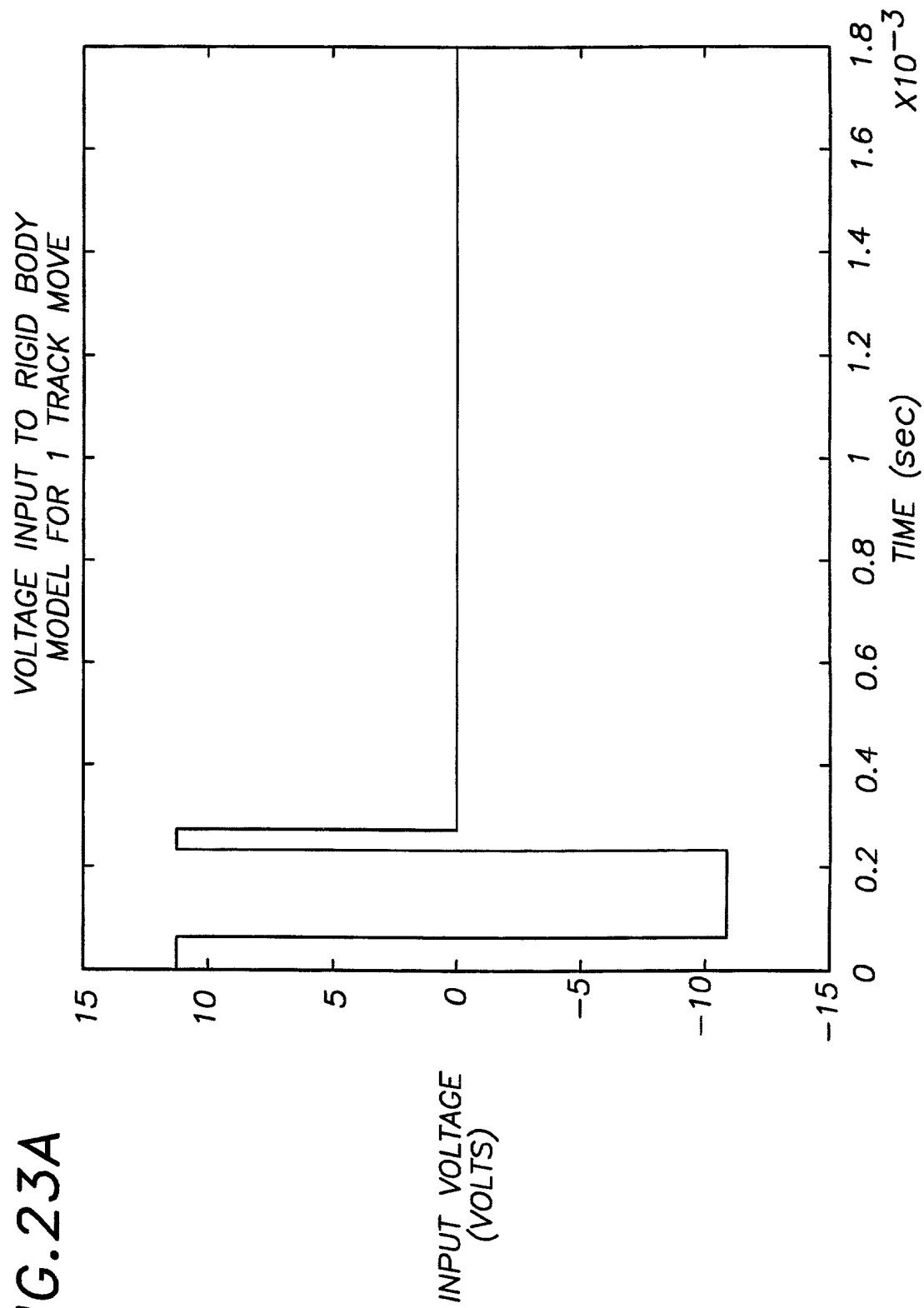


FIG. 23B

VOLTAGE INPUT TO RIGID BODY
MODEL FOR 3000 TRACK MOVE

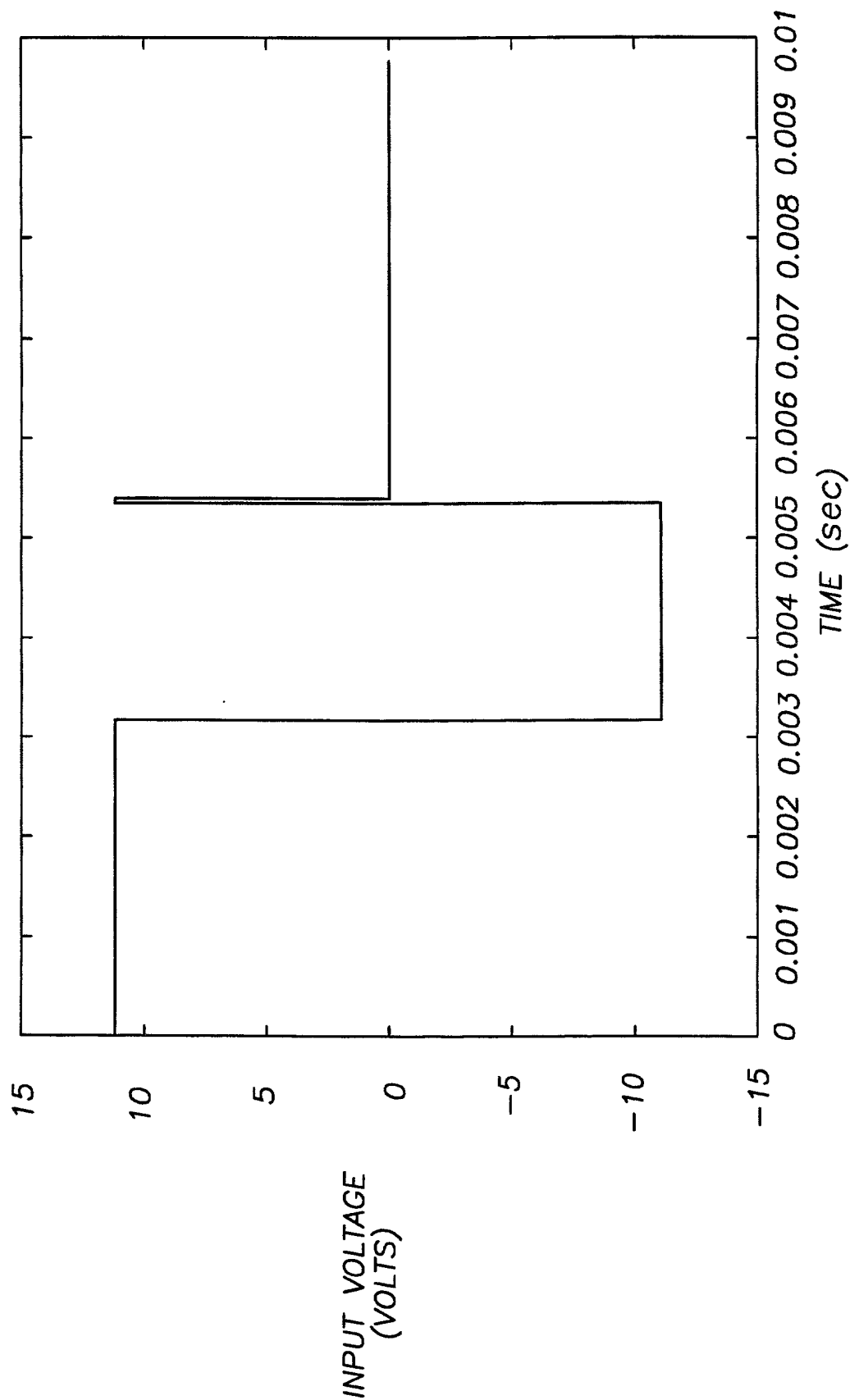


FIG.24

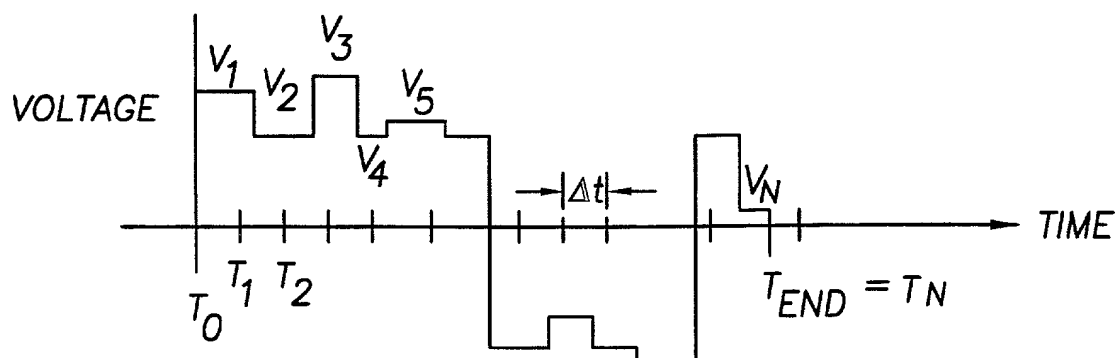


FIG.25

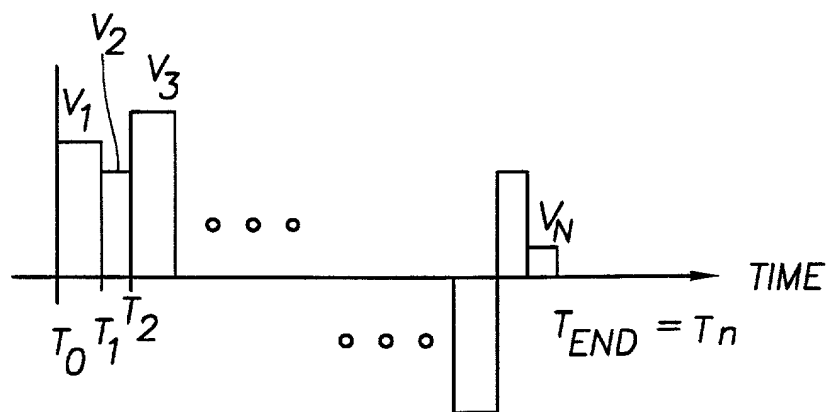


FIG.26

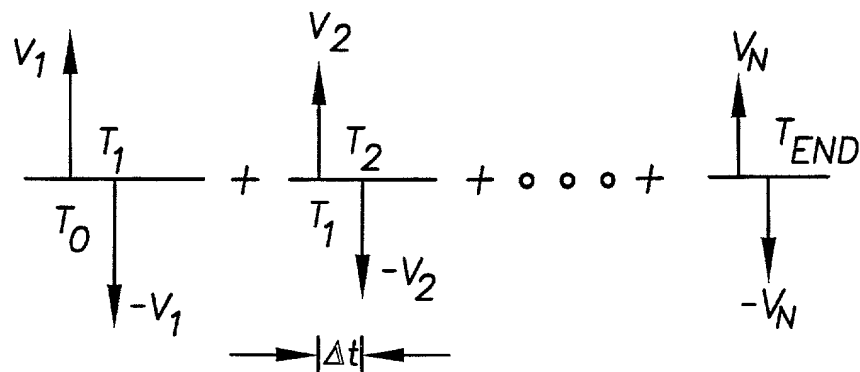


FIG.27

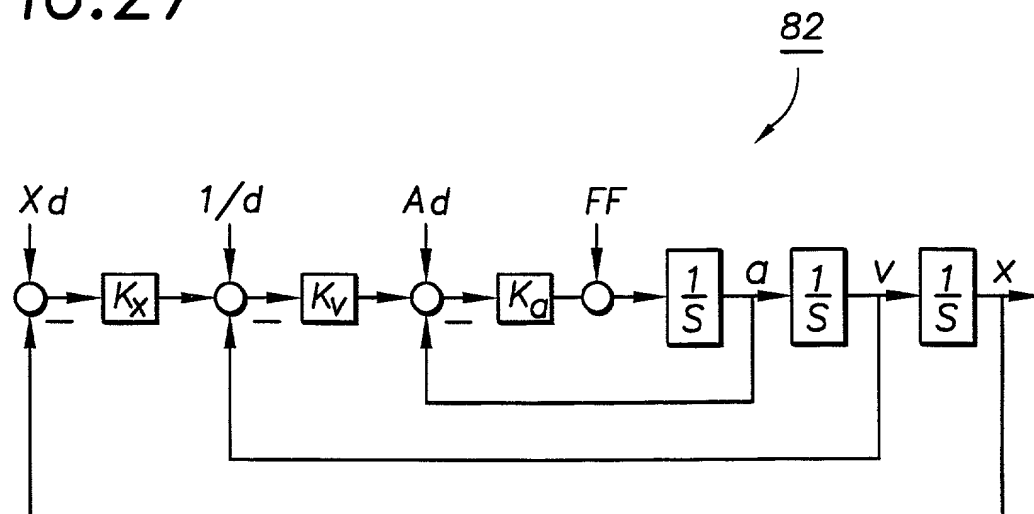
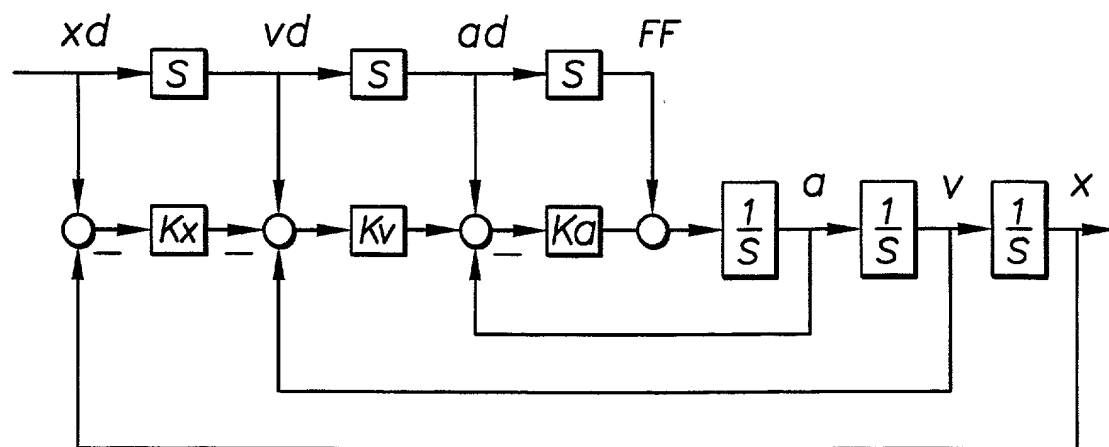


FIG.28



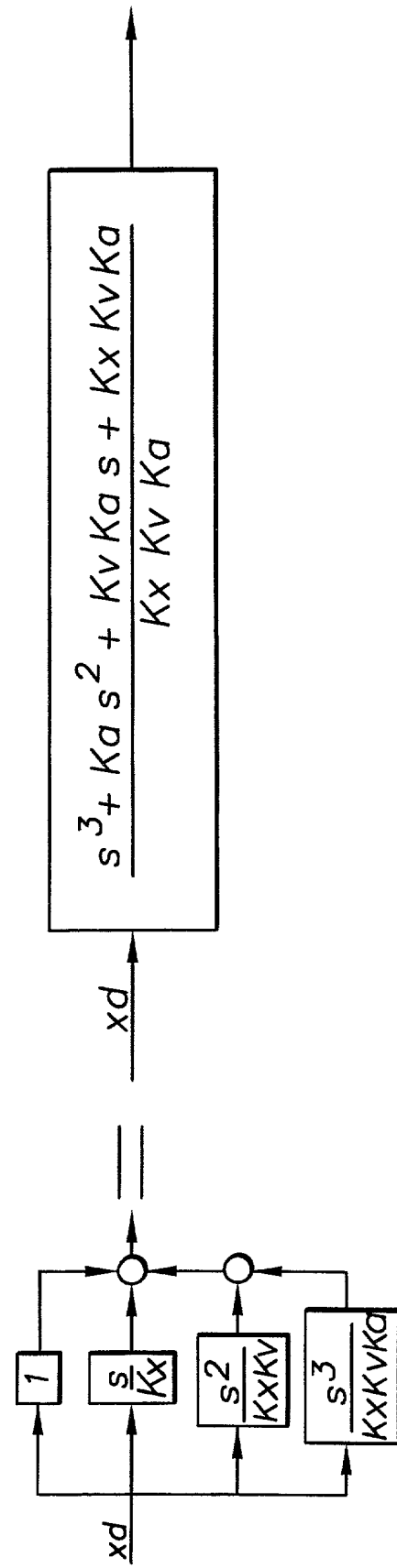
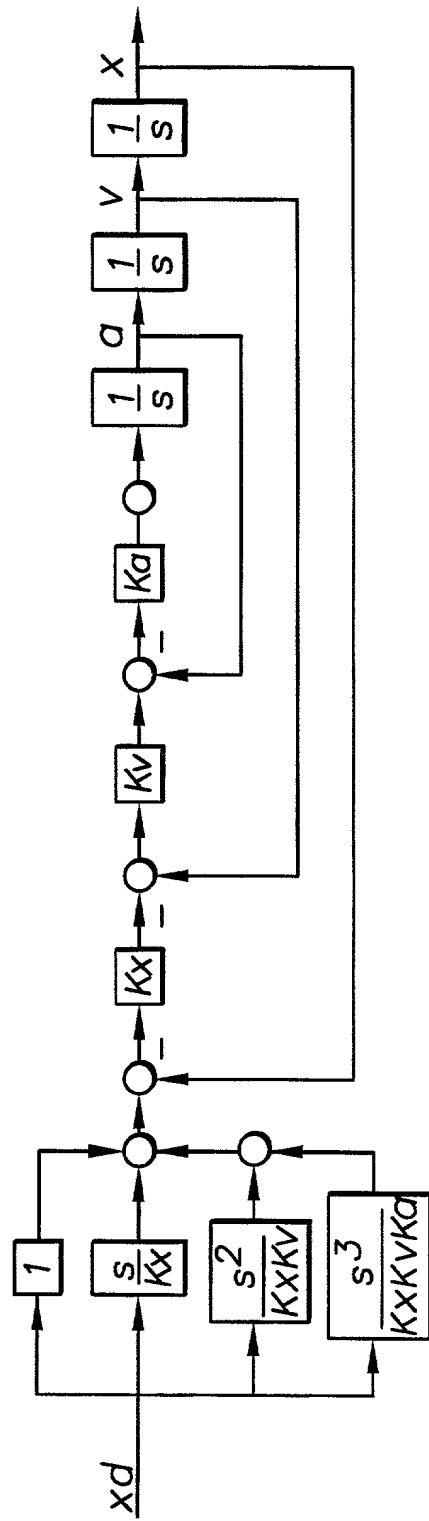


FIG. 31

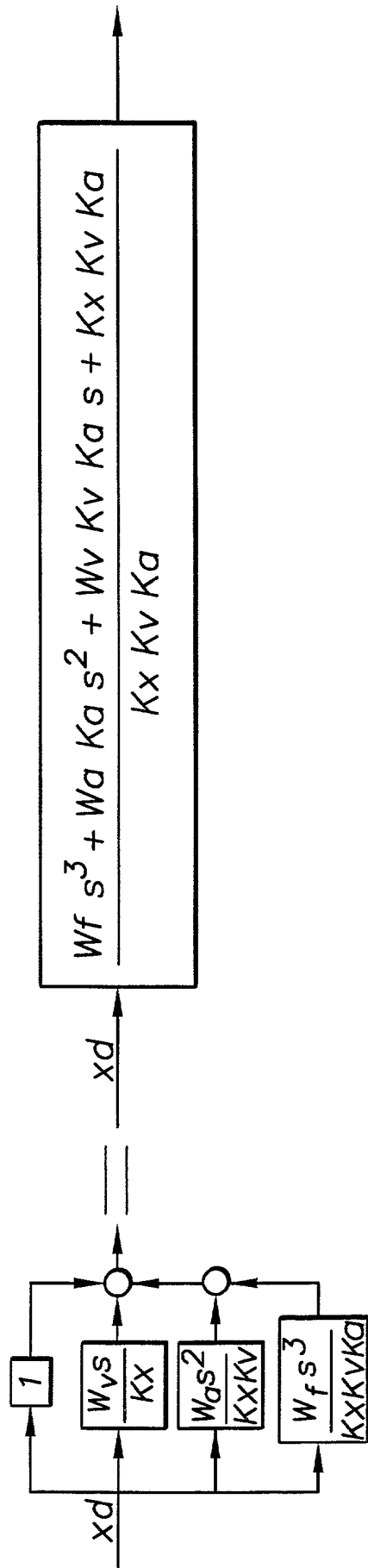


FIG. 32

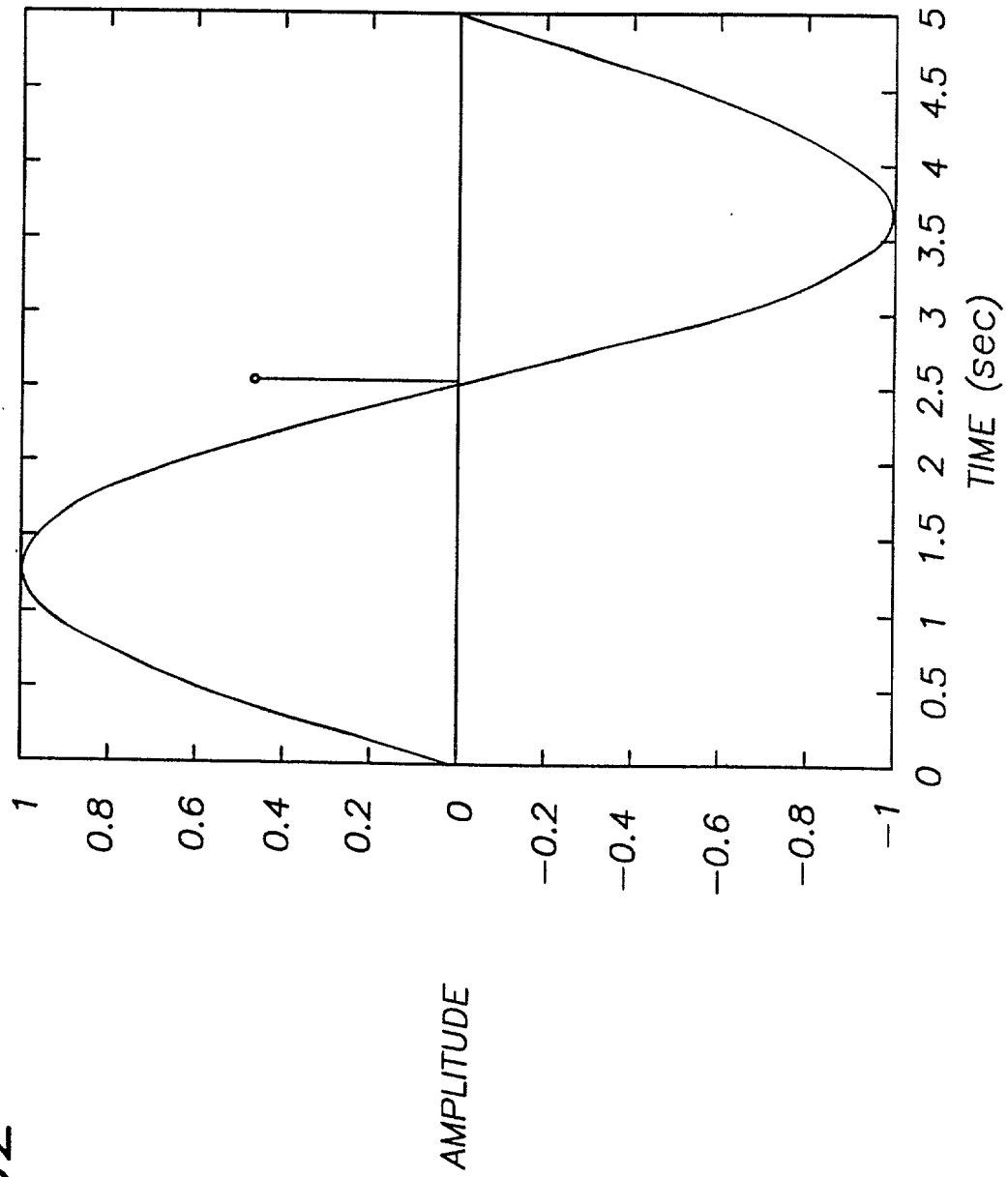


FIG.33

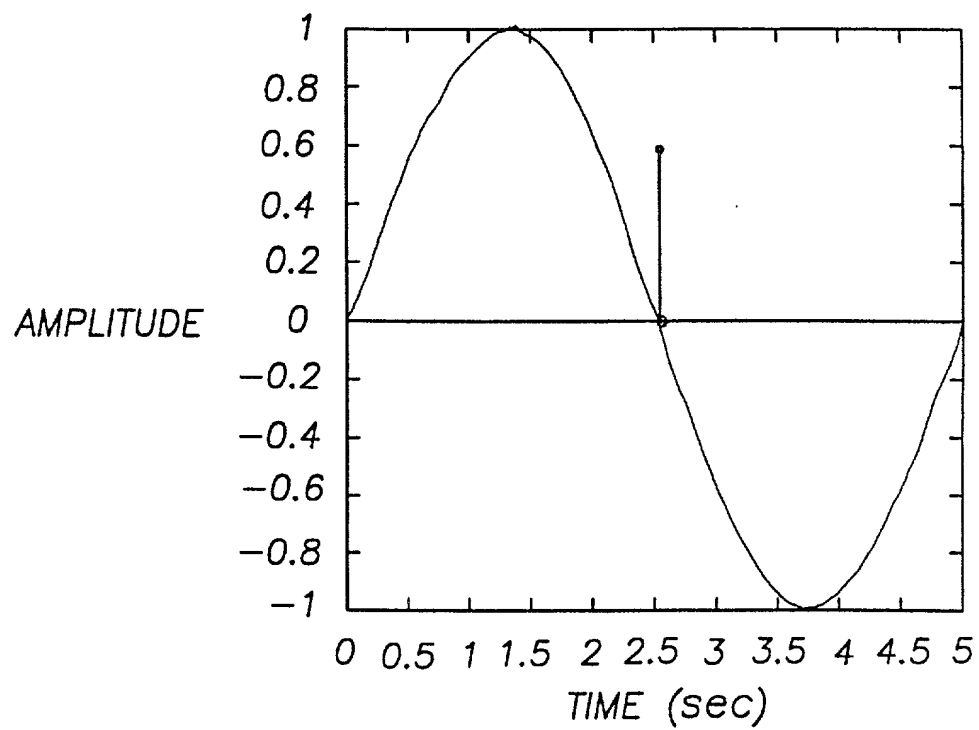


FIG.34

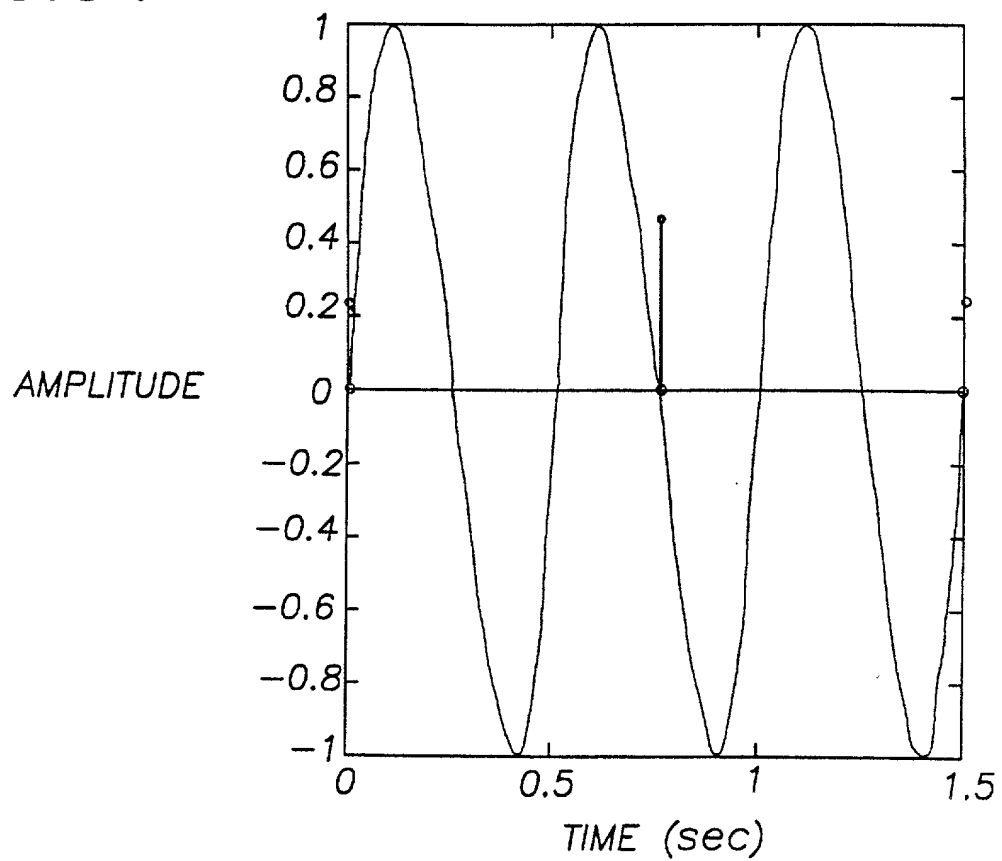


FIG. 35

